FUNDING OPPORTUNITY ANNOUNCEMENT



State Energy Program (SEP) Special Projects DE-PS26-05NT42396

CFDA Number: 81.119 State Energy Program Special Projects

CONTACT: Kelly A. McDonald, Contract Specialist

ISSUING OFFICE: U.S. DEPARTMENT OF ENERGY
National Energy Technology Laboratory
3610 Collins Ferry Road, P. O. Box 880
Morgantown, WV 26507-0880

ISSUE DATE: February 18, 2005

DUE DATE: See Section IV and Appendix C

Information regarding this funding opportunity is available on the Department of Energy, Industry Interactive Procurement System (IIPS) web site at: http://e-center.doe.gov

TABLE OF CONTENTS

SECTION I - FUNDING OPPORTUNITY DESCRIPTION	4
A. SUMMARY	4
B. BACKGROUND INFORMATION	
C. FUNDING OPPORTUNITY OBJECTIVES	
SECTION II - AWARD INFORMATION	6
A. TYPE OF AWARD INSTRUMENT (NOV 2004)	
B. ESTIMATED FUNDING (NOV 2004)	6
C. MAXIMUM AND MINIMÙM AWARÓ SIZE (NOV 2004)	6
SECTION III - ELIGIBILITY INFORMATION	7
A. ELIGIBLE APPLICANTS - RESTRICTED ELIGIBILITY (NOV 2004)	
B. PRE-APPLICATION TELECONFERENCE ORIENTATION (FEB 2005)	
C. COST SHARING (NOV 2004) D. OTHER ELIGIBILITY REQUIREMENTS (NOV 2004)	7
,	
SECTION IV - APPLICATION AND SUBMISSION INFORMATION	9
A. ADDRESS TO REQUEST APPLICATION PACKAGE (NOV 2004)	9
B. LETTER OF INTENT AND PREAPPLICATION (NOV 2004)	9
C. COLLABORATIVE APPLICATIONS (DEC 2003)	10
D. CONTENT AND FORM OF APPLICATION – IIPS (NOV 2004) E. SUBMISSION DATES AND TIMES (NOV 2004)	10
F. SUBMISSIONS FROM SUCCESSFUL APPLICANTS (NOV 2004)	
G. INTERGOVERNMENTAL REVIEW - NONE (NOV 2004)	
H. FUNDING RESTRICTIONS (NOV 2004)	16
I. OTHER SUBMISSION AND REGISTRATION REQUIREMENTS (NOV 2004)	16
SECTION V - APPLICATION REVIEW INFORMATION	17
A. CRITERIA (NOV 2004)	17
B. REVIEW AND SELECTION PROCESS (NOV 2004)	18
C. ANTICIPATED NOTICE OF SELECTION AND AWARD DATES - MULTIPLE DUE DATES	
2004)	
SECTION VI - AWARD ADMINISTRATION INFORMATION	19
A. AWARD NOTICES (NOV 2004)	19
B. ADMINISTRATIVE AND NATIONAL POLICY REQUIREMENTS (NOV 2004)	19
C. REPORTING	19
SECTION VII - AGENCY CONTACTS	20
A. CONTACTS (NOV 2004)	20
B. ELECTRONIC QUESTIONS (NOV 2004)	20
SECTION VIII - OTHER INFORMATION	21
A. MODIFICATIONS (NOV 2004)	21
B. GOVERNMENT RÌGHT TO RÉJECT OR NEGOTIATE (NOV 2004)	
C. COMMITMENT OF PUBLIC FUNDS (NOV 2004)	21
D. EVALUATION AND ADMINISTRATION BY NON-FEDERAL PERSONNEL (NOV 2004)	
E. INTELLECTUAL PROPERTY DEVELOPED UNDER THIS PROGRAM (NOV 2004) F. PARTICIPATION BY FEDERALLY FUNDED RESEARCH AND DEVELOPMENT CENTE	
(FFRDC) CONTRACTORS (NOV 2004)	22

G.	PROPRIETARY APPLICATION INFORMATION (NOV 2004)	22
	LIST OF APPENDICES (FEB 2005)	
	PENDIX A - DEFINITIONS	
APP	PENDIX B – APPLICATION IDENTIFICATION	27
	PENDIX C – PROGRAM CATEGORY MATRIX	
APP	PENDIX D – MODEL COMMITMENT LETTER	32
	PENDIX E – SPECIAL PROJECTS CONFERENCE/WORKSHOP PROJECT INFORMATION	
FOR	RM	33

SECTION I - FUNDING OPPORTUNITY DESCRIPTION

A. SUMMARY

The Department of Energy (DOE), National Energy Technology Laboratory (NETL) is seeking applications on behalf of the DOE Office of Energy Efficiency and Renewable Energy (EERE), for a variety of Special Projects under the State Energy Program (SEP) in accordance with 10 CFR part 420. DOE is inviting States to submit applications under the Program Category Subopportunities outlined in this master funding opportunity to implement specific DOE EERE deployment activities and initiatives. Funding of approximately \$14,700,000 will be available under this opportunity in fiscal year 2005. Projects may be proposed with performance periods of one year to a maximum of three years. The estimated amount of DOE funding for individual awards is set forth in Appendix C. The cost sharing requirements are outlined in each Program Category.

B. BACKGROUND INFORMATION

Through financial assistance awards (grants or cooperative agreements) DOE intends to provide support to States under provisions of the SEP as authorized under Public Laws (PL) 94-385, 94-619, 94-580, 101-440; the Energy Policy and Conservation Act of 1992, PL 102-486; the DOE Organization Act, PL 95-91; the Renewable Energy and Energy Efficiency Technology Competitiveness Act of 1989, PL 101-218; the National Superconductivity and Competitiveness Act of 1988, PL 100-697; the Biomass Research and Development Act of 2000, PL 106-224; the Energy Conservation and Production Act, PL 94-163, and the Hydrogen Future Act of 1996, PL 104-271. These respective statutes cover the programs participating in the SEP Special Projects. All financial assistance provided under SEP Special Projects shall comply with applicable legislation. Negotiation, award, and administration will be in accordance with DOE Financial Assistance Rules (10 CFR Part 600). A copy of 10 CFR 600 may be obtained electronically at the Electronic Code of Federal Regulations website located at http://www.gpoaccess.gov/ecfr.

Applications must be submitted through the DOE Industry Interactive Procurement System (IIPS). Any other form of submission will not be accepted. All applications must have an IIPS Transmission Date/Time stamp no later than 8:00 PM Eastern Time on the dates specified in Section IV.E, "Submission Dates and Times."

DOE's obligation for performance of this funding opportunity is contingent upon the availability of appropriated funds from which financial assistance awards can be made. No legal liability on the part of DOE may arise for performance until funds are appropriated and awards are made.

C. FUNDING OPPORTUNITY OBJECTIVES

The objectives of this funding opportunity are: (1) To directly involve States in activities to accelerate deployment of energy efficiency and renewable energy technologies; (2) to facilitate the commercialization of emerging and underutilized technologies; and (3) to increase the responsiveness of Federally-funded technology development efforts to the needs of the marketplace. DOE will pursue these objectives by entering into grants or cooperative agreements with State Energy Offices or other agencies responsible for administering the State Energy Program pursuant to 10 CFR part 420. States are encouraged to enter teaming arrangements with industry, small business, institutions of higher education, non-profit

organizations, Native American organizations, DOE national laboratories, and other State Energy Offices (SEO's).

States are encouraged to develop and implement their Special Projects activities in conjunction with, or in collaboration with, the State office overseeing the environment, in cases where that is a viable approach. Energy and the environment are intertwined in many ways, and DOE believes in many situations Special Projects activities will benefit from interaction with State environmental offices.

D. PROGRAM CATEGORIES

Applicants are cautioned that this funding opportunity announcement is a master announcement and that each program category has its own program-specific number for submission of applications. For example, Program Category 02, Industries of the Future, has a funding opportunity number of DE-PS26-05NT42396-02. Applications cannot be submitted under the master announcement.

Applicants should submit an application under the Program Category that best fits the majority of effort to be performed. There is no limitation on the number of different applications that may be submitted; however, a separate application must be submitted to each Program Category identified below for which the Applicant is interested in receiving an award. Each application must be complete and shall not rely upon another application for submission of the required documents.

Category Number	Program Category and Sub-opportunity Number
01A	Clean Cities - AFV Incremental Costs: DE-PS26-05NT42396-01A
01B	Clean Cities – Refueling Infrastructure: DE-PS26-05NT42396-01B
01C	Clean Cities – School Buses: DE-PS26-05NT42396-01C
01D	Clean Cities - Coalition Support: DE-PS26-05NT42396-01D
01E	Clean Cities – Idle Reduction Technologies: DE-PS26-05NT42396-01E
01F	Clean Cities – Heavy Duty Hybrid Electric: DE-PS26-05NT42396-01F
02	Industries of the Future: DE-PS26-05NT42396-02
03	Building Codes and Standards: DE-PS26-05NT42396-03
04	Rebuild America: DE-PS26-05NT42396-04
05	Building America: DE-PS26-05NT42396-05
06	Federal Energy Management Program: DE-PS26-05NT42396-06
07	Photovoltaic Building Integrated Micro-Inverter: DE-PS26-05NT42396-07
08A	Wind Energy - Tall Towers: DE-PS26-05NT42396-08A
08B	Wind Energy – Wind and Water: DE-PS26-05NT42396-08B
09	Distributed Energy – Regional Combined Heating and Power Applications Centers: DE-PS26-05NT42396-09
10	Biomass: DE-PS26-05NT42396-10
11	Air Quality Integration: DE-PS26-05NT42396-11

SECTION II - AWARD INFORMATION

A. TYPE OF AWARD INSTRUMENT (NOV 2004)

DOE anticipates awarding financial assistance awards in the form of grants or cooperative agreements under this Funding Opportunity.

DOE will negotiate a Statement of Substantial Involvement prior to the award of any cooperative agreement. This statement will describe the Government's substantial involvement.

B. ESTIMATED FUNDING (NOV 2004)

Approximately \$14,700,000 in DOE fiscal year 2005 funds are expected to be available for new awards under this announcement.

C. MAXIMUM AND MINIMUM AWARD SIZE (NOV 2004)

Estimated Ceiling (i.e., the maximum amount for an individual award made under this announcement): VARIES BY PROGRAM CATEGORY – reference Appendix C for estimated funds availability for each specific Program Category.

Estimated Floor (i.e., the minimum amount for an individual award made under this announcement): VARIES BY PROGRAM CATEGORY – reference Appendix C for estimated funds availability for each specific Program Category.

SECTION III - ELIGIBILITY INFORMATION

A. ELIGIBLE APPLICANTS - RESTRICTED ELIGIBILITY (NOV 2004)

In accordance with 10 CFR 600.6(b), eligibility for award is restricted to the 50 States, the District of Columbia, American Samoa, Guam, the Northern Mariana Islands, Puerto Rico, and the US Virgin Islands. Applications must be submitted by the State Energy Office or other agency responsible for administering the State Energy Program pursuant to 10 CFR part 420, although States may work in collaboration with non-State partners. Non-State partners interested in collaborating with their respective State Energy Office must contact their respective State Energy Office. A list of State Energy Offices can be found at:

www.eere.energy.gov/state_energy_program/seo_contacts.cfm

For convenience, the term "State" in this announcement refers to all eligible Applicants.

B. PRE-APPLICATION TELECONFERENCE ORIENTATION (FEB 2005)

A pre-application teleconference orientation will be conducted for all potential applicants. Applicants should contact the DOE Regional Office SEP Program Manager for information regarding participation in the teleconference. This pre-application orientation will cover the administrative aspects of SEP Special Projects. Prior to this pre-application teleconference orientation, all potential applicants should have registered in IIPS, utilized the IIPS practice site, and become familiar with the IIPS website. Questions to be addressed during the teleconference should be submitted through IIPS by March 4, 2005, 8:00 PM Eastern Time. Program-related questions will not be addressed at this teleconference. Additional questions asked during the teleconference will be consolidated and posted in IIPS. Following is the proposed schedule for the teleconference:

	States in the Following	
Date	Regions	Times
Tuesday,	Northeast Regional Office	10:00 11:00 am Eastern Time
March 8, 2005	Mid-Atlantic Regional Office	1:00 2:00 pm Eastern Time
	Western Regional Office	12:00 - 1:00 pm Pacific Time
Wednesday,	Southeast Regional Office	1:00 2:00 pm Eastern Time
March 9, 2005	Midwest Regional Office	10:00 11:00 am Central Time
	Central Regional Office	1:00 – 2:00 pm Mountain Time

C. COST SHARING (NOV 2004)

Cost sharing is a mandatory factor for award in some of the Program Categories. (See Appendix C and each individual Program Category for specifics regarding required cost sharing.) For those Program Categories where cost sharing is not a mandatory factor, cost sharing is encouraged. Applications should clearly identify if cost sharing is proposed. Third Party In-kind contributions (e.g., contributions of services or property; donated equipment, buildings, or land; or donated supplies by other than the Applicant or any team member), incurred as part of this project may be considered as all or part of the cost share as described under 10 CFR Part 600, Section 600.224, except as otherwise restricted by the individual program categories. Foregone fee or profit by the applicant shall not be considered cost sharing under any resulting award.

Where required, cost shares are stated as percentages (i.e., 20%; 50%, etc.), and represent the part of the total cost of the project that must be provided by the recipient. For example, if the total cost of a proposed project is \$120,000 and the required cost share is 20%, the recipient will be required to provide at least \$24,000 of the cost and the Federal share would not exceed \$96,000. ("Cost share," as the term is used in this funding opportunity, is never based on a percentage of the Federal financial assistance.)

Funds used to meet the Applicant's cost sharing requirements must comply with 10 CFR part 600.224 and they (i) must be verifiable from the recipient's records, (ii) must be necessary and reasonable for the proper and efficient accomplishment of the project, (iii) must not be included as a contribution for any other Federally-assisted project or program, (iv) must be allowable under the applicable cost principles, and (v) must not include costs borne by other Federal financial assistance, unless provided for by statute, or funds or contributions that have been used to meet cost sharing requirements of other Federal financial assistance.

Funds included in State SEP formula grants, whatever the source, and costs covered by SEP formula grants, including salaries of State employees, <u>may not</u> be used to satisfy SEP Special Projects cost share requirements. Petroleum violation escrow (PVE) funds of the Warner and EXXON types <u>may not</u> be used for cost shares; PVE funds of the Stripper Well and Diamond Shamrock type <u>may</u> be used as appropriate.

It is important that sources and amounts of cost shares be clearly specified in the application. This will facilitate evaluation of the applications and will expedite final negotiations prior to a financial assistance award for projects selected for funding, helping to avoid delays at crucial steps in the process.

(See 10 CFR sections 420.31, 420.32, and 420.33, and 10 CFR part 600.224 for more information.)

D. OTHER ELIGIBILITY REQUIREMENTS (NOV 2004)

Federally Funded Research and Development Center (FFRDC) Contractors.

FFRDC applicants are not eligible for an award. A list of the FFRDC contractors is available at http://www.nsf.gov/sbe/srs/ffrdc/start.htm. However, an application that includes performance of a portion of the work by a FFRDC contractor will be evaluated and considered for award. (See Section VIII).

SECTION IV - APPLICATION AND SUBMISSION INFORMATION

A. ADDRESS TO REQUEST APPLICATION PACKAGE (NOV 2004)

This announcement includes all the information needed to complete an application.

<u>APPLICATIONS MUST BE SUBMITTED THROUGH IIPS TO BE CONSIDERED FOR AWARD.</u>

Applications must be submitted through the DOE Industry Interactive Procurement System (IIPS) at http://e-center.doe.gov. Instructions on how to submit an application or an application amendment and how to register, submit questions, and view questions and answers are located on the web site at http://e-center.doe.gov, click on the "Help" button and click on "Frequently Asked Questions".

Prepare all the required files in accordance with the instructions in this announcement prior to starting the transmission process. Submit the entire application package in one IIPS session (i.e., do not logoff before all the files are submitted).

When you are ready to submit your application, go to http://e-center.doe.gov and complete the IIPS cover page. Enter the unique identification code (as described in Appendix B) and the project title in the "Subject" block. Then attach each file in the corresponding block in accordance with the IIPS guidance. Follow the instructions for submitting the application.

If you have any problems accessing information or submitting your application, contact the Help Desk at 1 800-683-0751 and select option 1, or send an email to Help.ncbe.gov. ONLY APPLICATIONS SUBMITTED THROUGH IIPS WILL BE CONSIDERED FOR AWARD.

<u>Electronic Signature</u> - Applications submitted through IIPS constitute submission of electronically signed applications. The name of the authorized organizational representative (i.e., the administrative official, who, on behalf of the proposing organization, is authorized to make certifications and assurances or to commit the applicant to the conduct of a project) must be typed in the signature block on the form to be accepted as an electronic signature. Do not submit a scanned copy of the signed document.

B. LETTER OF INTENT AND PREAPPLICATION (NOV 2004)

1. Letter of Intent.

Letters of Intent are not required.

2. Pre-application

Pre-applications are not required.

C. COLLABORATIVE APPLICATIONS (DEC 2003)

Where a State is proposing to serve as the lead State in collaboration with a number of other State partners, the lead State by its submission of an application certifies that it is willing and able to subgrant or otherwise provide funds as needed to its partners. Where a group of States wishes to propose a collaboration but there is no State willing or able to meet the requirements of a lead State, each State must submit a separate application, with that State's funding needs requested, clearly drafted to spell out the collaborative nature of the project, and the partners involved.

D. CONTENT AND FORM OF APPLICATION – IIPS (NOV 2004)

DUNS Number.

All applicants, except individuals who would personally receive an award under this announcement apart from any business or non-profit organization they may operate, must include a Dun and Bradstreet (D&B) Data Universal Numbering System (DUNS) number in their application. For the purpose of this requirement, the applicant is the entity that meets the eligibility criteria and has the legal authority to apply for an award. For example, a consortium formed to apply for an award must obtain a DUNS number for that consortium. For assistance in obtaining a DUNS number at no cost to you, call the DUNS Number request line at 1 866-705-5711. Be prepared to provide the following information: (1) Organization name; (2) Address; (3) Telephone number; (4) Line of business; (5) Chief executive officer/key manager; (6) Date the organization was started; (7) Number of people employed; (8) Organization affiliation. If you do not already have a DUNS number, you should obtain one as soon as you decide to submit an application.

When you are ready to submit your application, go to http://e-center.doe.gov and complete the IIPS cover page. Enter the unique identifier code (as described in Appendix B) and the project title in the "Subject" block. Then attach each file in the corresponding block in accordance with the following:

For consistency, applicants must include the following files in their application and must use the file names specified below. Each file must clearly identify the form name <u>and</u> the unique identification code (UIC). (See Appendix B for full instructions on the unique identification code.) Filename extensions shall clearly indicate the software application used for preparation of the documents (i.e., "xxx.doc" for Word files, "xxx.pdf" for Adobe Acrobat files, or "xxx.xls" for Excel files).

MANDATORY FILES FILENAME

Application APPLICATION-UIC.---

Budget BUDGET-UIC.---

Budget Justification BUDGET JUSTIFICATION-UIC.--

Project Summary/Abstract PROJECT SUMMARY-UIC.---

Project Narrative PROJECT NARRATIVE-UIC.---

Certifications/Assurances/Representations CERTIFICATIONS-ASSURANCES-UIC.-

ADDITIONAL FILES

Attachment 1 – Letter(s) of Commitment COMMITMENT-UIC.---

Attachment 2 – Personnel Resources RESOURCES-UIC.---

Attachment 3 – FFRDC Attachment (if applicable) FFRDC ATTACHMENT-UIC.---

Attachment 4 – Special Projects Conference/ CONFERENCE-UIC.---

Workshop Project Information Form

(if applicable)

APPLICATION FILE

Applicants must complete an SF 424 application form. Save this form as a file named "APPLICATION-UIC.xxx." The SF 424, is available on the NETL homepage at:

http://www.netl.doe.gov/business/faapiaf/app-files.html

BUDGET FILE

Applicants must complete a DOE F 4600.4 showing the cumulative budget for the total project period. The DOE F 4600.4 is available on the NETL homepage at:

http://www.netl.doe.gov/business/faapiaf/app-files.html

NOTE: The total project cost (i.e. sum of Applicant and other participants plus DOE cost shares) must be reflected in each budget form.

The DOE F 4600.4 Budget form shall also be submitted for each subaward having a value of greater than \$100,000 or performing fifty percent (50%) or more of the proposed effort, whichever is less.

You may request funds under any of the categories listed as long as the item and amount are necessary to perform the proposed work and are not precluded by the cost principles or program funding restrictions (See Section IV). Save these budget forms in a single file named "BUDGET-UIC.xxx."

ADVICE TO APPLICANTS: Download the DOE F 4600.4 Budget form, open the file in Word and go to the "Tools" menu to "unprotect" the document. This will enable you to develop a single file containing a multi-year budget, and to incorporate 'subaward' budgets, if applicable.

BUDGET JUSTIFICATION FILE

Justify proposed direct labor, travel, consultants, large subawards, large or unique "other direct costs", equipment, etc., and the basis for the cost estimate. The Applicant may utilize the GO-PF20(SL), or any other format preferred for the budget justification, providing the format contains all information as requested on the GO-PF20(SL). Applicants can access this form at the following link:

http://www.go.doe.gov/application forms.asp

Applicants may use either Word, PDF or Excel format. Save this information in a file named "BUDGET JUSTIFICATION-UIC.xxx".

PROJECT SUMMARY/ABSTRACT

The format for submission of this Project Summary can be found at http://www.netl.doe.gov/business/faapiaf/app-files.html .

The project summary/abstract must contain a summary of the proposed activity suitable for publication. It should be a self-contained document that identifies the name of the State Energy Office (SEO), the SEO principal investigator/project director, the project title, the objectives of the project, methods to be employed, the potential impact of the project (i.e., benefits, out comes), and participants (for collaborative projects). It should be informative to other persons working in the same or related fields and, insofar as possible, understandable to a scientifically or technically literate lay reader. This document must not include any proprietary or sensitive business information as the Department may make it available to the public. The project summary abstract must not exceed 1 page when printed using standard 8.5" by 11 paper with 1" margins (top, bottom, left and right).

The other information fields on the fillable project summary/abstract form are used internally by DOE in managing the funding opportunity process. It is important that the fillable format be used so that the information fields can be entered automatically into a database. Save this information in a file named "PROJECT SUMMARY-UIC.xxx"

PROJECT NARRATIVE

This file shall include a **cover page** indicating the funding opportunity notice number, name and address of the Applicant, SEO point of contact, telephone/FAX number/E-Mail address, title of project, and date of application.

NOTE: APPLICANTS MUST DOWNLOAD THE DETAILED INSTRUCTIONS FOR PREPARING THE PROJECT NARRATIVE FILE SPECIFIC TO THE PROGRAM CATEGORY FOR WHICH THEIR APPLICATION PERTAINS. THIS DETAIL IS FOUND WITHIN EACH SPECIFIC PROGRAM CATEGORY SUB-OPPORTUNITY.

The project narrative file must be formatted to separately address each of the sections listed below. It is requested that the project narrative not exceed ten (10) pages (excluding the cover page and Statement of Project Objectives)

single-spaced, 1" margins (top, bottom, left, right), and when printed will fit on size 8 1/2" by 11" paper. The type must be legible and not smaller than 11 point. Evaluators will review only the number of pages specified.

Save this information in a file named "PROJECT NARRATIVE-UIC.xxx"

Unnecessarily elaborate applications are not desired. Elaborate art work, graphics and pictures will increase the document file size.

This file should provide a clear description of the work to be undertaken and how you plan to accomplish it. To help facilitate the review process and to ensure maximum consideration of the application's merit, the project narrative shall be structured in accordance with the evaluation criteria and requirements specified in each Program Category and shall include any information specifically identified to be furnished in the application.

STATEMENT OF PROJECT OBJECTIVES (SOPO)

The SOPO shall include a description of activities, by task, which is responsive to the technical requirements in each Program Category. The SOPO shall be included in the Project Narrative file (but excluded from the 10-page limitation). The SOPO is limited to no more than two (2) pages and must provide the following information within the 2 pages:

- a. The total estimated costs for each task;
- b. The title and number of hours for personnel proposed [both Applicant and participant(s)] by task;
- c. If total travel costs are \$30,000 or 25% of total budget (whichever is less) provide travel (including purpose) by task; and
- d. Proposed equipment over \$5,000 by task.

CERTIFICATIONS/ASSURANCES/REPRESENTATIONS FILE

NOTE: THIS FILE IS REQUIRED IF APPLICANT DOES NOT CURRENTLY HAVE A CERTIFICATIONS/ASSURANCES/REPRESENTATIONS PACKAGE ON FILE WITH DOE, OR, IF ANY UPDATES NEED TO BE MADE TO CURRENT ON-FILE PACKAGE.

Applicants must complete the full DOE certifications/assurances/representations information if they do not currently have a certifications/assurances/ representations package on file with DOE, or, if any updates need to be made to current on-file package. The certifications/assurances/representations are available on the NETL homepage at:

http://www.netl.doe.gov/business/faapiaf/app-files.html

This program is not covered under Title XX through XXIII of EPACT, therefore, applicants must complete the certifications/assurances/representations form set without the EPACT Representation.

Save this information in a single file named "CERTIFICATIONS-ASSURANCES-UIC.xxx."

In addition, successful applicants may be required to complete a "Representation of Limited Rights Data and Restricted Computer Software" certification located within the Certifications/Assurances/Representations file found on the NETL Website, if their application is selected for negotiation of an award. The "Representation of Limited Rights Data and Restricted Computer Software" certification is designed to identify asserted "limited rights data" and "restricted computer software" as defined in the "Rights in Data – General" or the "Rights in Data – Programs Covered Under Special Data Statutes" provision (see Intellectual Property Provisions at www.gc.doe.gov/gcmain.html). If selected for negotiation, the applicant will be notified whether or not they are required to complete the "Representation of Limited Rights Data and Restricted Computer Software."

ATTACHMENT 1 – LETTER(S) OF COMMITMENT

NOTE: REFERENCE SPECIFIC PROGRAM CATEGORIES FOR ANY ADDITIONAL REQUIREMENTS FOR THE CONTENTS OF LETTERS OF COMMITMENT BEYOND THAT DESCRIBED BELOW.

Letters of commitment are required from cost share partners if specified by the individual Program Category. Letter of commitment must be signed by an authorized official, identifying the organization, the percentage level, the amount, the source of cost sharing, and demonstrating that all aspects of the proposed project scope will be conducted as described by the Applicant. Save this information in a file named "COMMITMENT-UIC.xxx." See Appendix D for a model Letter of Commitment.

NOTE: LETTERS OF COMMITMENT SUBMITTED ON COMPANY LETTERHEAD IDENTIFYING THE COMMITTING ORGANIZATION, AND CONTAINING THE TYPED SIGNATURE OF THE INDIVIDUAL AUTHORIZED TO COMMIT ON BEHALF OF THE ORGANIZATION IN THE SIGNATURE BLOCK OF THE LETTER, CONSTITUTE SUBMISSION OF ELECTRONICALLY SIGNED LETTERS.

ATTACHMENT 2 - PERSONNEL RESOURCES (2 Page Limit)

Duties for all key personnel (Applicant and participants) should be described in narrative form. Descriptions should be limited to one paragraph for each person.

Save this information in a file named "RESOURCES-UIC.xxx."

ATTACHMENT 3 - FFRDC ATTACHMENT (if applicable)

FFRDC Budgets and a DOE Field Work Proposal in accordance with the requirements in DOE Order 412.1 Work Authorization System, (http://www.directives.doe.gov/pdfs/doe/doetext/neword/412/o4121.pdf) must be saved as a Word file and named "FFRDC ATTACHMENT-UIC.xxx."

BUDGET FILE FOR FFRDC PARTICIPANT, IF ANY

If a non-DOE FFRDC contractor is to perform a portion of the work, provide a separate budget for the FFRDC contractor's work effort.

If a DOE FFRDC contractor is to perform a portion of the work, provide a DOE Field Work Proposal in accordance with the requirements in DOE Order 412.1 Work Authorization System (Attachment 3 is a Sample Format for the Field Work Proposal). DOE O 412.1 is available at

http://www.directives.doe.gov/pdfs/doe/doetext/neword/412/o4121.pdf.

All FFRDC budgets must be saved in a single file named "FFRDC ATTACHMENT-UIC.xxx".

ATTACHMENT 4 - SPECIAL PROJECTS CONFERENCE/WORKSHOP PROJECT INFORMATION FORM (if applicable)

If an applicant proposes conferences/workshops, i.e. meetings, seminars, retreats, symposiums, or similar events, a Special Projects Conference/Workshop Project Information Form must be included for **each** conference/workshop proposed. The Special Projects Conference/Workshop Project Information Form is found as Appendix E to this announcement.

The Special Projects Conference/Workshop Project Information Form (s) must be saved in a single file named "CONFERENCE-UIC.xxx."

E. SUBMISSION DATES AND TIMES (NOV 2004)

1. Pre-application Due Date

Pre-applications are not required.

2. Application Due Date

Applications must be received by the dates indicated below for the respective program categories, not later than 8:00 PM Eastern Time. You are encouraged to transmit your application well before the deadline.

SUBMISSION DUE DATES	CATEGORY NUMBER
Monday, May 2, 2005	01A, 01C, 02, 04, 06, 07
Wednesday, May 4, 2005	01B, 01E, 03, 05, 10
Friday, May 6, 2005	01D, 01F, 08A, 08B, 09, 11

APPLICATIONS RECEIVED AFTER THE DEADLINE WILL NOT BE REVIEWED OR CONSIDERED FOR AWARD.

F. SUBMISSIONS FROM SUCCESSFUL APPLICANTS (NOV 2004)

Successful applicants may be required to complete an Environmental Questionnaire located in the forms section of the NETL Website at

http://www.netl.doe.gov/business/forms/nepasol.doc , if their application is selected for negotiation of an award. Those Program Categories identified in Appendix C with a "YES" in the "NEPA CX" column may not be required to submit this questionnaire. The Environmental Questionnaire is designed to provide project-specific environmental information supplied by the applicant in order for DOE to evaluate any potential impacts (positive and negative) on the environment and shall be of enough detail for the Department to meet its requirements under the National Environmental Policy Act (NEPA) in its selection of applications for negotiation of an award. If selected for negotiation, the applicant will be notified whether or not they are required to complete the Environmental Questionnaire.

Applicants are restricted from taking any irreversible action prior to DOE reaching a final NEPA decision regarding the proposed project. Irreversible actions include demolition of existing buildings, site clearing, ground breaking, construction, and/or detailed design. This restriction, however, does not preclude the applicant from developing plans, preliminary designs, or performing other necessary support work prior to DOE reaching its final NEPA decision, provided the work has been authorized by DOE.

G. INTERGOVERNMENTAL REVIEW - NONE (NOV 2004)

This program is not subject to Executive Order 12372, "Intergovernmental Review of Federal Programs".

H. FUNDING RESTRICTIONS (NOV 2004)

<u>Cost Principles</u>. Costs must be allowable in accordance with the applicable cost principles referenced in 10 CFR part 600.

I. OTHER SUBMISSION AND REGISTRATION REQUIREMENTS (NOV 2004)

IIPS Registration Process.

In order to submit an application through IIPS, you must be authorized by the applicant (i.e., institution or business entity) to submit an application on its behalf and you must register in IIPS. You are encouraged to register as soon as possible. You only have to register once to apply for any DOE award. To register go to http://e-center.gov, select the IIPS System, and follow the registration instructions.

SECTION V - APPLICATION REVIEW INFORMATION

A. CRITERIA (NOV 2004)

1. Compliance Review Criteria

A compliance review will be performed to check the application package for its compliance with forms and page limits, and its responsiveness to the requirements of the funding opportunity. If an application doesn't meet all of the compliance review requirements below, it will be deemed non-responsive and will not be further reviewed. Applicants will be notified in writing of this determination. The compliance review will be performed to determine if the:

- (1) Application is submitted within the appropriate Program Category.
- (2) Application is complete. This review will verify that all mandatory files as required by Section IV.D "Content and Form of Application," are included in the application and completed as described therein.
- (3) Applicant is a State Energy Office or other agency responsible for administering the State Energy Program pursuant to 10 CFR part 420.
- (4) Applicant's proposed cost share meets the requirements of the Program Category.

Failure to comply with any of the above requirements will deem the application non-responsive and will not be considered for comprehensive evaluation.

2. <u>Comprehensive Merit Review Criteria</u>

All timely applications that fulfill the minimum application requirements, as determined under the compliance review criteria, will be eligible for comprehensive merit review. Applications submitted in response to this funding opportunity will be evaluated and scored in accordance with the criteria listed in each Program Category.

3. Other Selection Factors

These factors, while not indicators of the Application's merit, e.g., technical excellence, cost, Applicant's ability, etc., may be essential to the process of selecting the application(s) that, individually or collectively, will best achieve the program objectives. Such factors are often beyond the control of the Applicant. Applicants should recognize that some very good applications may not receive an award because they do not fit within a mix of projects which, as a whole, meets the goals of the issuing Program Office and is consistent with DOE's and EERE's mission. Therefore, the following Program Policy Factors may be used by the Selection Official to assist in determining which of the ranked application(s) shall receive DOE funding support.

(1) The desire to select a mix of projects which achieves the strategic goals of EERE;

- (2) The desire to select projects which maximize the significance of the projects in meeting gaps in specific EERE end-use sectors or technology areas:
- (3) The desire to select projects which produce a diverse portfolio of projects and or methodologies;
- (4) The desire to select projects which maximize the geographic diversity (considering past awards and current applications); and
- (5) The desire to select projects which maximize the availability of funds.

B. REVIEW AND SELECTION PROCESS (NOV 2004)

1. Merit Review

Applications that pass the compliance review will be subjected to a merit review in accordance with the Office of Energy Efficiency and Renewable Energy merit review procedures which were published in the Federal Register on December 20, 2001 (Vol. 66, No. 245).

2. Selection

The Selection Official will consider the merit review recommendation, program policy factors, and the amount of funds available.

3. <u>Discussions and Award</u>

The Government may enter into discussions with a selected applicant for any reason deemed necessary, including but not limited to: (1) the budget is not appropriate or reasonable for the requirement; (2) only a portion of the application is selected for award; (3) the Government needs additional information to determine that the recipient is capable of complying with the requirements in 10 CFR 600; and/or (4) special terms and conditions are required. Failure to resolve satisfactorily the issues identified by the Government will preclude award to the applicant.

C. ANTICIPATED NOTICE OF SELECTION AND AWARD DATES - MULTIPLE DUE DATES (NOV 2004)

It is anticipated that selection and awards of financial assistance resulting from this announcement will be made this fiscal year. Awards are expected to be made within 90 calendar days following the selection.

SECTION VI - AWARD ADMINISTRATION INFORMATION

A. AWARD NOTICES (NOV 2004)

1. Notice of Selection

DOE will notify applicants selected for award. This notice of selection is not an authorization to begin performance.

Organizations whose applications have not been selected will be advised as promptly as possible. This notice will explain why the application was not selected.

2. Notice of Award

A Notice of Financial Assistance Award issued by the contracting officer is the authorizing award document. It includes, either as an attachment or by reference: 1. Special Terms and Conditions; 2. applicable program regulations, if any; 3 the application as approved by DOE/NNSA.; 4. DOE assistance regulations at 10 CFR Part 600, or, for Federal Demonstration Partnership (FDP) institutions, the FDP terms and conditions; 5. National Policy Assurances To Be Incorporated As Award Terms; and 6. a reporting checklist, which identifies the reporting requirements.

B. ADMINISTRATIVE AND NATIONAL POLICY REQUIREMENTS (NOV 2004)

1. Administrative Requirements

The administrative requirements for DOE grants and cooperative agreements are contained in 10 CFR part 600 (See: http://ecfr.gpoaccess.gov), except for grants made to Federal Demonstration Partnership (FDP) institutions. The FDP terms and conditions and DOE FDP agency specific terms and conditions are located on the National Science Foundation web site at www.nsf.gov.

2. Special Terms and Conditions and National Policy Requirements

Special Terms and Conditions and National Policy Requirements. The DOE Special Terms and Conditions for Use in Most Grants and Cooperative Agreements and National Policy Assurances To Be Incorporated As Award Terms are located at http://grants.pr.doe.gov.

<u>Intellectual Property Provisions</u>. The standard DOE financial assistance intellectual property provisions applicable to the various types of recipients are located at http://www.gc.doe.gov/techtrans/sipp_matrix.html.

C. REPORTING

The Reporting Requirements shall be in accordance with 10 CFR Part 420.5.

SECTION VII - AGENCY CONTACTS

A. CONTACTS (NOV 2004)

Questions regarding how to submit an application through IIPS can be e-mailed to the IIPS HELP Desk at <a href="mailed-equation-help-equation-

B. ELECTRONIC QUESTIONS (NOV 2004)

ALL QUESTIONS MUST BE SUBMITTED THROUGH THE "SUBMIT QUESTION" FEATURE IN IIPS. ALL QUESTIONS MUST BE SUBMITTED TO THE MASTER FUNDING OPPORTUNITY ANNOUNCEMENT.

All requests for explanation or interpretation of any part of the Funding Opportunity Announcement must be submitted through the "Submit Question" feature in IIPS. IN ORDER TO MAINTAIN CONSISTENCY AND EASE IN FINDING QUESTIONS AND ANSWERS, ALL QUESTIONS MUST BE SUBMITTED TO THE MASTER FUNDING OPPORTUNITY. DOE reserves the right to not answer any questions submitted under specific sub-opportunities. Once a question is submitted, it cannot be edited. Questions submitted as well as the government's response to these questions may be viewed by using the "View Questions" feature in IIPS. The Government reserves the right not to respond to questions submitted by telephone, E-mail or in person at any time. The deadline for submission of questions is April 25, 2005.

Questions regarding the content of the announcement should be submitted through the "Submit Question" feature of the DOE Industry Interactive Procurement System (IIPS) at http://e-center.doe.gov. Locate the announcement on IIPS and then click on the "Submit Question" button. Enter required information. You will receive an electronic notification that your question has been answered. DOE will try to respond to a question within 3 days, unless a similar question and answer have already been posted on the website.

Responses to questions may be viewed through the "View Questions" feature, button. If no questions have been answered, a statement to that effect will appear. You should periodically check "View Questions" for new questions and answers.

Questions regarding how to submit questions or view responses can be e-mailed to the IIPS HELP Desk at helpdesk@pr.doe.gov or by calling 1 (800) 683-0751.

SECTION VIII - OTHER INFORMATION

A. MODIFICATIONS (NOV 2004)

Notices of any modifications to this announcement will be posted on the DOE Industry Interactive Procurement System (IIPS). You can receive an email when a modification or an announcement message is posted by joining the mailing list for this announcement through the link in IIPS.

B. GOVERNMENT RIGHT TO REJECT OR NEGOTIATE (NOV 2004)

DOE reserves the right, without qualification, to reject any or all applications received in response to this announcement and to select any application, in whole or in part, as a basis for negotiation and/or award.

C. COMMITMENT OF PUBLIC FUNDS (NOV 2004)

The Contracting Officer is the only individual who can make awards or commit the Government to the expenditure of public funds. A commitment by other than the Contracting Officer, either explicit or implied, is invalid.

D. EVALUATION AND ADMINISTRATION BY NON-FEDERAL PERSONNEL (NOV 2004)

In conducting the merit review evaluation, the Government may seek the advice of qualified non-Federal personnel as reviewers. The Government may also use non-Federal personnel to conduct routine, nondiscretionary administrative activities. The applicant, by submitting its application, consents to the use of non-Federal reviewers/administrators. Non-Federal reviewers must sign conflict of interest and non-disclosure agreements prior to reviewing an application. Non-Federal personnel conducting administrative activities must sign a non-disclosure agreement.

E. INTELLECTUAL PROPERTY DEVELOPED UNDER THIS PROGRAM (NOV 2004)

<u>Patent Rights.</u> The government will have certain statutory rights in an invention that is conceived or first actually reduced to practice under a DOE award. 42 U.S.C. 5908 provides that title to such inventions vests in the United States, except where 35 U.S.C. 202 provides otherwise for nonprofit organizations or small business firms. However, the Secretary of Energy may waive all or any part of the rights of the United States subject to certain conditions.

Rights in Technical Data. Normally, the government has unlimited rights in technical data created under a DOE agreement. Delivery or third party licensing of proprietary software or data developed solely at private expense will not normally be required except as specifically negotiated in a particular agreement to satisfy DOE's own needs or to insure the commercialization of technology developed under a DOE agreement.

<u>Intellectual Property Provisions</u> The standard DOE financial assistance intellectual property provisions applicable to the various types of recipients are located at http://www.gc.doe.gov/gcmain.html.

F. PARTICIPATION BY FEDERALLY FUNDED RESEARCH AND DEVELOPMENT CENTER (FFRDC) CONTRACTORS (NOV 2004)

Federally Funded Research and Development Center (FFRDC) contractors are not eligible for an award under this announcement, but they may be proposed as a team member subject to the following guidelines:

<u>Authorization for non-DOE/NNSA FFRDCs.</u> The Federal agency sponsoring the FFRDC contractor must authorize in writing the use of the FFRDC contractor on the proposed project and this authorization must be submitted with the application. The use of a FFRDC contractor must be consistent with the contractor's authority under its award and must not place the FFRDC contractor in direct competition with the private sector.

<u>Authorization for DOE/NNSA FFRDCs</u>. The cognizant contracting officer must authorize in writing the use of a DOE/NNSA FFRDC contractor on the proposed project and this authorization must be submitted with the application. The following wording is acceptable for this authorization.

"Authorization is granted for the ______ Laboratory to participate in the proposed project. The work proposed for the laboratory is consistent with or complimentary to the missions of the laboratory, will not adversely impact execution of the DOE/NNSA assigned programs at the laboratory, and will not place the laboratory in direct competition with the domestic private sector."

<u>Value/Funding.</u> The value of, and funding for, the FFRDC contractor portion of the work will not normally be included in the award to a successful applicant. Usually, DOE/NNSA will fund a DOE/NNSA FFRDC contractor through the DOE field work proposal system and other FFRDC contractors through an interagency agreement with the sponsoring agency.

<u>Cost Share.</u> The applicant's cost share requirement will be based on the total cost of the project, including the applicant's and the FFRDC contractor's portions of the effort.

FFRDC Contractor Effort:

The FFRDC contractor effort, in aggregate, shall not exceed 50% of the total estimated cost of the project, including the applicant's and the FFRDC contractor's portions of the effort.

<u>Responsibility</u>. The applicant, if successful, will be the responsible authority regarding the settlement and satisfaction of all contractual and administrative issues, including but not limited to, disputes and claims arising out of any agreement between the applicant and the FFRDC contractor.

G. PROPRIETARY APPLICATION INFORMATION (NOV 2004)

An application may include data, including trade secrets and/or privileged or confidential commercial or financial information which the applicant does not want disclosed to the public or used for any purpose other than evaluation of the application (See 10 CFR 600.15). The use and disclosure of such data may be restricted, provided the applicant marks the cover sheet of the application with the following legend and specifies the pages of the application which are to be restricted:

"The data contained in pages [] of this application have been submitted in confidence and contain trade secrets or proprietary information, and such data shall be used or disclosed only for evaluation purposes, provided that if this applicant receives an award as a result of or in connection with the submission of this application, DOE shall have the right to use or disclose the data herein to the extent provided in the award. This restriction does not limit the government's right to use or disclose data obtained without restriction from any source, including the applicant."

To protect such data, each line or paragraph on the pages containing such data must be specifically identified and marked with a legend similar to the following:

"Use or disclosure of the data set forth above is subject to the restriction on the cover page of this application."

H. LIST OF APPENDICES (FEB 2005)

Appendix A – Definitions

Appendix B – Application Identification

Appendix C – Program Category Matrix

Appendix D – Model Commitment Letter

Appendix E – Special Projects Conference/Workshop Project Information Form

APPENDIX A - DEFINITIONS

"Amendment" means a revision to the funding opportunity.

"Applicant" means the legal entity submitting the application as described in Provision 3.1. This entity may be one State or a single State representing a group of States that has chosen to submit a single application in response to the funding opportunity.

"Application" means the documentation submitted in response to the funding opportunity.

"Award" means the written documentation executed by a DOE Contracting Officer, after an applicant is selected, which contains the negotiated terms and conditions for providing financial assistance to the applicant. A financial assistance award may be either a grant or a cooperative agreement.

"Budget" means the cost expenditure plan submitted in the application, including both the DOE contribution and the applicant cost share.

"Budget Period" means an interval of time, specified in the award, into which a project is divided for budgeting purposes.

"Collaborative" means the group of States that have chosen to submit a single application in response to the funding opportunity.

"Contracting Officer" means the DOE official authorized to execute awards on behalf of DOE and who is responsible for the business management and non-program aspects of the financial assistance process.

"Cooperative Agreement" means a Financial Assistance instrument used by DOE to transfer money or property when the principal purpose of the transaction is to accomplish a public purpose of support or stimulation authorized by Federal statute, and Substantial Involvement (see definition below) is anticipated between DOE and the applicant during the performance of the contemplated activity.

"Cost Sharing" means the respective share of total project costs required to be contributed by the applicant and by DOE. The required percentage of applicant cost share is to be applied to the total project cost (i.e., the sum of applicant plus DOE cost shares) rather than to the DOE contribution alone.

"Financial Assistance" means the transfer of money or property to an applicant or participant to accomplish a public purpose of support authorized by Federal statute through grants or cooperative agreements and subawards. In DOE, it does not include direct loans, loan guarantees, price guarantees, purchase agreements, Cooperative Research and Development Agreements (CRADAs), or any other type of financial incentive instrument.

"Federally Funded Research and Development Center (FFRDC)" means a research laboratory as defined by Federal Acquisition Regulation 35.017.

"Grant" means a financial assistance instrument used by DOE to transfer money or property when the principal purpose of the transaction is to accomplish a public purpose of support or stimulation authorized by Federal statute, and no Substantial Involvement is anticipated between DOE and the applicant during the performance of the contemplated activity.

"**Key Personnel**" means the individuals who will have significant roles in planning and implementation of the proposed project on the part of the applicant and participants, including FFRDC's.

"Industry Interactive Procurement System (IIPS)" is DOE's Internet-based procurement system which allows access to DOE's business opportunities database, allows user registration and submittal of applications. http://e-center.doe.gov/

"Participant", for purposes of this funding opportunity and Program Category opportunities only, means any entity, except the applicant substantially involved in a consortium, or other business arrangement (including all parties to the application at any tier), responding to the announcement or Program Category opportunity.

"Program Policy Factors" are factors that, while not appropriate indicators of the application's merit, are essential to the process of choosing which applications will best achieve the program objectives. For example, program policy factors may reflect the desirability of selecting projects based on geographic distribution, diverse approaches, or complementary efforts.

"Project" means the set of activities described in an application, State plan, or other document that is approved by DOE for financial assistance (whether such financial assistance represents all or only a portion of the support necessary to carry out those activities).

"Project Period" means the total period of time indicated in an award during which DOE expects to provide support contingent upon satisfactory progress and available funds. A project period may consist of one or more budget periods and may be extended by DOE.

"Recipient" means the organization, individual, or other entity that receives a Financial Assistance award from DOE and is financially accountable for the use of any DOE funds or property provided for the performance of the project, and is legally responsible for carrying out the terms and conditions of the award.

"**Selection**" means the determination by the DOE Selection Official that negotiations take place for certain projects with the intent of awarding a Financial Assistance instrument.

"Selection Official" means the DOE official designated to select applications for negotiation toward award under a subject funding opportunity.

"Substantial Involvement" means involvement on the part of the government. DOE's involvement may include: shared responsibility for the performance of the project; providing technical assistance or guidance which the applicant is required to follow; and the right to intervene in the conduct or performance of the project. Such involvement will be negotiated with each applicant prior to signing any agreement.

"Third Party In-kind contributions" mean property or services which benefit a Federally-assisted project or program and which are contributed by non-Federal third parties without charge to the grantee, or a cost-type contractor under the grant agreement.

"**Total Project Cost**" means all the funds required to complete the effort proposed by the applicant, including DOE funds (including direct funding of any FFRDC) plus all other funds that will be committed by the applicant as cost sharing.

APPENDIX B – APPLICATION IDENTIFICATION

For each application, an Applicant must first click on "Create Proposal" and then complete the information requested. In order for DOE to accurately identify each application, Applicants must enter the unique project title and the unique identification code (UIC) in the "subject" line when submitting an application.

In the event that two or more applications are received from the same Applicant with the same unique project title and unique identification code (UIC), only the application with the latest transmission time stamp will be considered for review. The unique identification code (UIC) consists of the following characters. Each segment is separated by a dash.

1(Table B-1) – 2 (Table B-2) – 3 (Two digit sequential number) – 4 (Two letter State identifier)

- 1 Code designating the cognizant Regional Office (Table B-1).
- 2 Code designating the Program Category (Table B-2).
- 3 Two digit sequential number designating the application <u>within</u> that Program Category (each sequence within each Program Category will start with "01").
- 4 Two letter code of the State.

For example, N-IF-06-MA would be the sixth Industries of the Future application submitted by the State of Massachusetts which resides in the Northeast Regional Office.

Table B-1

Code	Regional Office	Code	Regional Office
С	Central Regional Office	N	Northeast Regional Office
MA	Mid-Atlantic Regional Office	S	Southeast Regional Office
MW	Midwest Regional Office	W	Western Regional Office

Table B-2

Code	Program Category	Code	Program Category
CCIC	Clean Cities – AFV Incremental Costs	RA	Rebuild America
CCRI	Clean Cities – Refueling Infrastructure	BA	Building America
CCSB	Clean Cities – School Buses	FE	FEMP
CCCS	Clean Cities – Coalition Support	PH	Photovoltaic Building Integrated Micro- Inverter
CCIR	Clean Cities – Idle Reduction Technologies	WETT	Wind Energy – Tall Towers
CCHE	Clean Cities – Heavy Duty Hybrid Electric	WEWW	Wind Energy – Wind and Water
IF	Industries of the Future	DE	Distributed Energy
CS	Building Codes and Standards	BP	Biomass
Al	Air Quality Integration		

Program Category	Sub- Oppor- tunity No.	Funds Avail. (\$000)	Est. No. of Awards	Cost Share %	Cost Share (Notes)	Due Date (2005)	Maximum Award Per Application (\$000)	Eligibility Require- ments	NEPA CX *	Links
Clean Cities – AFV Incremental Costs	01A	800	4-8	None		May 2	100 light duty veh 200 med & heavy- duty vehicles	Designated Clean Cities Coalition		
Clean Cities – Refueling Infrastructure	01B	1,600	11-15	30% required	50% of non- Federal cost share in cash	May 4		Designated Clean Cities Coalition	NO	
Clean Cities – School Buses	01C	400	2-3	20% For Infrastructure None For Vehicles	20% of non- Federal cost share in cash	May 2	200/ project	Designated Clean Cities Coalition	NO	http://www.ccities.doe.gov
Clean Cities – Coalition Support	01D	600	30	50% required	50% of non- Federal cost share in cash	May 6	20/project	Designated Clean Cities Coalition	YES	
Clean Cities – Idle Reduction Technologies	01E	400	4-6	50% required	30% of non- Federal cost share in cash	May 4	100/project	Designated Clean Cities Coalition	YES	
Clean Cities - Heavy Duty Hybrid Electric	01F	200	1-2	None		May 6	200/project	Designated Clean Cities Coalition	YES	
Industries of the Future	02	1,000 - 2,000	10-20	30% required		May 2	100/project	N/A	YES	http://www.eere.energy.gov/
Building Codes & Standards	03	2,000	11-18	25% required	Higher level cost share is encouraged	May 4	200/state	N/A	YES	

Program Category	Sub- Oppor- tunity No.	Funds Avail. (\$000)	Est. No. of Awards	Cost Share %	Cost Share (Notes)	Due Date (2005)	Maximum Award Per Application (\$000)	Eligibility Require- ments	NEPA CX *	Links
Rebuild America	04	3,700	37	25% required	Higher level of cost sharing is encouraged.	May 2	100/project	N/A	YES	http://www.rebuild.org
Building America	05	500	Up to 6	20% required	Higher cost share is encouraged.	May 4	100/project	N/A	YES	http://www.eere.energy.gov/buildings/building_america/
FEMP	06	400	2	25% required	Higher cost share is encouraged.	May 2		N/A	YES	http://www.eere.energy.gov/femp/
Photovoltaic Building Integrated Micro-Inverter	07	250	2	50% encouraged	Higher level of cost sharing is encouraged.	May 2		N/A	YES	

Program Category	Sub- Oppor- tunity No.	Funds Avail. (\$000)	Est. No. of Awards	Cost Share %	Cost Share (Notes)	Due Date (2005)	Maximum Award Per Application (\$000)	Eligibility Require- ments	NEPA CX *	Links
Wind Energy – Tall Towers	08A	225		25% required		May 6	50 to 75/project	N/A	YES	
Wind Energy – Wind and Water	08B	150		25% required		May 6	50 to 75/project	N/A	YES	
DER – CHP Apps Centers	09	1,200- 1,500	8	20% required		May 6	150/project + up to 100 in additional tasks	N/A	YES	www.chpcentermw.org and http://www.eere.energy.gov/d er/chp/
Biomass	10	500	7 – 10		Higher cost share is encouraged.	May 4		N/A	NO	

Program Category	Sub- Oppor- tunity No.	Funds Avail. (\$000)	Est. No. of Awards	Cost Share	Cost Share (Notes)	Due Date (2005)	Maximum Award Per Application (\$000)	Eligibility Require- ments	NEPA CX *	Links
Air Quality Integration	11	150	3-5			May 6		N/A	YES	

APPENDIX D - MODEL COMMITMENT LETTER

(To be provided on contributor's letterhead)

Date

TO: State Agency State Agency address

The purpose of this letter is to confirm [company name] commitment to the [title of project] if selected for participation in an award from the Department of Energy. As shown in the application, we are proposing [\$nnn cash contribution] and/or [\$nnn in-kind contribution] to support the project.

[Insert any additional narrative that may be necessary to further explain the value, nature and other qualitative measures of the participant's cost share]

I hereby represent that the above information is true and correct, and my proposed cost sharing contribution meets all of the requirements of 10 CFR 600.224 and specifically complies with the criteria set forth in Section III, Provision C <u>COST SHARING</u> of the Master Funding Opportunity Announcement.

Signature

//TYPED NAME OF AUTHORIZED OFFICIAL//

Title

APPENDIX E - SPECIAL PROJECTS CONFERENCE/WORKSHOP PROJECT INFORMATION FORM

Suggested Special Projects Information Form
Name of Energy Office:
Application Identification Number:
Suggested Title of Conference/Workshop:
Proposed Date(s):
Proposed Location:
Projected Attendance:
Intended Audience Type(s):
Non-DOE Co-Sponsors (if known):
Projected Total Conference Costs:
DOE Costs:
Invitational Travel Costs (if applicable):
Project Cost Share (if known):